

SOUTH PRODUCTION NOTES

**November 29, 2013
Day Shift**

**BASF EMPLOYEES
147 Last Recordable
166 Last Lost Time**

Alumina Gel and building 9 are regulated areas due to Vanadium

#1 MED A-520: Trial. We had enough powder for 6 more batches when we started this morning. Will resume on Monday.

#1 RC / A-520: Trial.

Exhaust to Trimer

Night Shift: No change.

#2 MED line/ Cleaned Powder room for D-0768: Finishing up last batch on the beginning of midnight shift. We will be on hold until we the go ahead from the engineer.
Night Shift: 4 batches completed.

#2 RC/ D-0768: A work order has been written to have a 5" dam installed on the calciner on Friday. We will need to get the screener set up soon.

Night Shift: Need to open for Dam install.

Exhaust to F1

Tank 7 / AMT Solution / D-1795: Tank is rinsed and toted off.

Afternoon shift: Tank was toted off and lines flushed.

Old Pfaudler D-1795: Last batch was made on afternoon shift. Pfaudler will most likely need to be acid washed as we will be going back to precious metals.

Afternoon Shift: Last batch was made.

#3 MED Dryer / D-1795 NAQ: Feed all bags marked "C-1" and any material that is currently in totes to be fed to the dryer. Any bags that come off of the dryer from now until the end should be marked "C-1". After all of these are fed we can go back to the other bags that are on the floor. See e-mail instructions from Bill Grodecki at the end of these shift notes.

#3 RC / D-1795 NAQ: ; Feed all bags marked "C-1" and any material that is currently in totes to be fed to the dryer. Any bags that come off of the dryer from now

until the end should be marked "C-1". After all of these are fed we can go back to the other bags that are on the floor. See e-mail instructions from Bill Grodecki at the end of these shift notes.

Watch the feed rate on this calciner!

Exhaust to CTO

Night shift: Hung first bag of "C-1" material at 6am..

#4 RC / D-5206: On hold for material from the abbe/National dryer. The plan is to start the calciner on Friday Morning.

Exhaust to 4 DC

Night shift: No change.

National Dryer / 5206 : Continue to feed as batches come from the abbe.

Night shift: Continued to feed.

Abbe Blender / D-5206: Ok to run on the off shifts and weekends and all day on Thursday. Leave down 1st shift on Friday.

Night shift: Continued making batches.

#5 RC / 1520: Calciner is running. Keep in mind that this is a regulated area. **Wear your respirators – Vanadium.**

Exhaust to Trimer

Night shift: Continued running with no issues.

HC-11 Tanks / 1520: We need to finish the batch that is in tank 4 and get a sample to the lab in the morning. Batch 100 is in tank 6 and is empty.

Night shift: need to finish batch.

PK Blender / 1520: Continue to run. Remember this area is now regulated due to Vanadium. When we get to batch 101 we will need to change to unloading into different bags. They will be 67004945 or 906111. They will need to be cleaned and weighed. We will need to track these bags and weights on a sheet.

Night shift: Continued making batches/can continue after tank 4 is approved and moved to 6

New Pfaudler / Cleaned for BE-0101: The next product will require an excellent clean up. The sheet is on Mike V's desk. R.O. unit is being worked on late on 1st shift.

Night shift: Pfaudler clean up sheet has been completed/ lid has been installed.

#6 DRYER - RC / clean for 0796: Will need to look over the dryer/calcliner as a final inspection and should have to just reassemble everything. The calciner and dryer have been washed.

Exhaust to Sly Scrubber

Afternoon shift update: Dryer and spiral were washed down.

Tower 3 / Cu-0860: Loaded and running .

Night shift: No change.

Tower 6 / Cu-0860: Tower is loaded and running.

Night shift: Will come down Friday-late on day shift.

Harrop Kiln - Al-3921 T 3/16": Continue running. The automatic pusher at the cool down zone in the Kiln still not working. It appears as if the clutch is disengaging while pushing carts. Work notification written for one of the blowers on the kiln (#5 blower stopped working). Still operable, but maintenance needs to see Tower operator for more information.

Night shift: Continued.

North Screener / Cu-0860: Continue on.

Night shift: Continued/8 totes left.

South Screener /E-406: on hold. If we continue to man the North screener on all shifts we should not have to switch this screener over to Cu0860.

Night shift: On hold.

#2662 Pill Machine / Al-3917 3/16: Ran 1 side of the machine early on afternoon shift. After a new bag was hung, waiting for it to pack for an hour or so before starting both sides of the machine.

#2664 Pill Machine / Al-3917 3/16: Continue on running.

Night shift: see above/down due to manpower on night shift.

Tunnel Kiln #2 / Al-3921: Continue on.

Afternoon shift: Continued.

Tunnel Kiln #4 / BE-0101: Need to get the kiln whitewashed and saggars changed over on midnight shift. Night Shift: Temps coming up/should be high enough by 8am to start whitewashing.

A few things that we need to deal with in wrapping up D-1795 are (1) keeping D-1794 Lot 23/24 material separate and (2) running out the odds and ends. Here is the plan:

- I. D-1794 (base) lot 23, supersacks 13-15 and all of lot 24 were made with Catapal C1 in place of Catapal B. We have saved this for the end and the last 7 pfudler batches (starting Wednesday morning) will be this material. Please try to run this material without adding any other material to the calciner feed hopper. That way, D-1795 lot 32 will be completely the C1 material, which is what Chevron has asked for. I have talked to Sean, Andy, Bobby and Gary and they should all know.
- II. After running the C1 material, run the remaining inventory on the floor. Run the overdried material anytime (3 supersacks left I think). Also, run the 1 supersack of underfired material anytime.
- III. Next run the old material, Lot 15 oversize (1 and a partial supersack) and lot 18 partial supersack. Lot 15 was on the 1st floor by the cage and lot 18 was by the Gen Cat docks but Greg said he was moving it upstairs. Lot 15 oversize will be ok after going through the cutter. Lower the calciner temp if you want but we will have to raise it for the last part.
- IV. Last, run the two supersacks of contaminated material through the calciner. This is on the second floor by the #2 extruder. Since this has D-5206 G 5x8 in it, we will have to change the fines screen to a 5 mesh to get it out (use a 6 if you can't find a 5). Probably should separate the fines in case too much product gets through.
- V. Do not run the material in drums.
- VI.

We will start D-1794 NAQ again on line 3 next week -- no need to clean up.

Please call me if you have any questions or problems. I will be in town all weekend and am planning to come in Friday.

Thanks and have a Happy Thanksgiving!

Bill Grodecki
Senior Production Engineer

Phone: 440-329-2508 Mobile: 440-452-0483 E-Mail: william.grodecki@basf.com
Postal Address: 120 Pine Street, Elyria, OH 44035

BASF - The Chemical Company